



- 8 a. With a neat diagram, throttle actuator which is a part of cruise control system. 10
- b. Write short notes on : 10
  - i) Adjustable solve absorber
  - ii) Electronically controlled suspension.

**UNIT - V**

- 9 a. Explain : 10
  - i) Dead reckoning navigation
  - ii) Sign post navigation.
- b. Write short notes on : 10
  - i) Alternative fuel engines
  - ii) Advance Driver Information system.
- 10 a. Explain low tire pressure warning system with relevant diagram. 10
- b Explain collision avoidance Radar warning system with relevant block diagram and equations. 10

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